

**WHAT IS CLAIMED IS :**

1. A payment system for using a wireless network system comprising:  
a wireless network equipment having a network interface equipment;  
a wireless network system;  
a network service system, the wireless network equipment being connected to the network service system via the network interface equipment and the wireless network system;  
a payment and identity system connecting to a network via the wireless network system and the network service system, the payment and identity system being a role of identification and issuing the network interface equipment.
2. The payment system for using the wireless network system as described in claim 1, wherein the wireless network equipment is a PDA.
3. The payment system for using the wireless network system as described in claim 1, wherein the wireless device is an IP Phone.
4. The payment system for using the wireless network system as described in claim 1, wherein the wireless device is a notebook.
5. The payment system for using the wireless network system as described in claim 1, wherein the network interface equipment is a SIM Card.
6. The payment system for using the wireless network system as described in claim 1, wherein the wireless network device comprising a wireless AP and a fix network.
7. The payment system for using the wireless network system as described in claim 6, wherein the fix network is an ADSL.
8. The payment system for using the wireless network system as described in claim 1, wherein the network service system comprising a Web-SIM gateway and a web authentication server.
9. The payment system for using the wireless network system as described in claim 1, wherein the payment and identity system comprising a HLR, a PSTN and an accounting authorization server.

10. A payment method for using a wireless network system comprising:
- (1) starting to connect to a payment and identity system from a user;
  - (2) judging a network interface equipment of the user, if yes, going to next step;
  - (3) to be identified, and going to next step if pass;
  - (4) connecting to the payment and identity system and going to step (6);
  - (5) assuring the user being not a member of the payment and identity system, going to step (6);
  - (6) finishing the method.
11. The payment method for using the wireless network system as described in claim 10, wherein the network interface equipment of step (2) is a SIM Card.
12. The payment method for using the wireless network system as described in claim 10, wherein if step(2) judged as fail, then going to step (5).
13. The payment method for using the wireless network system as described in claim 10, wherein step (3) further comprising:
- (3A). to determine identification form a web authentication server;
  - (3B). to process the identification via the web authentication server and an accounting authorization server by way of EAP-SIM.
14. The payment method for using the wireless network system as described in claim 10, wherein if step(3) judged as fail, then going to step (5).
15. The payment method for using the wireless network system as described in claim 10, wherein the payment and identity instep (4) further comprising a HLR, a PSTN and an accounting authorization server.
16. The payment method for using the wireless network system as described in claim 10, wherein, after assuring the user being not a member of the payment and identity system, then transferring to a traditional web identification system for identification.